

CLAIMS:

1. A method of controlling a program comprising:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information stored corresponding to an inputted interface name and an inputted component kind;

a second step of inputting a request requesting a component and holding a component kind as a parameter, acquiring said component kind from said request and outputting said component kind; and

a third step of holding said interface name, inputting said request requesting said component, outputting said request to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step and outputting said component reference information inputted.

2. A method of controlling a program comprising:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area

storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to said inputted interface name and said inputted component judgment information;

a third step of inputting a request requesting said component and holding said component judgment information as a parameter, acquiring said component judgment information from said request and outputting said component judgment information; and

a fourth step of holding an interface name, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step and outputting said component reference information inputted.

3. A system for controlling a program comprising:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area

storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and inputted component judgment information;

a third step of managing said component judgment information, inputting a request requesting said component, and outputting said component judgment information managed; and

a fourth step of holding said interface names, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step and outputting said component reference information inputted.

4. A program control system comprising:

first means for referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

second means for inputting a request requesting said component and holding said component kind as a parameter, acquiring said component kind from said request and outputting said component kind; and

third means for holding said interface name, inputting said request requesting said component, outputting said request to said second means, inputting said component kind from said second means, outputting said component kind inputted and said interface name held to said first means, inputting said component reference information from said first means, and outputting said component reference information inputted.

5. A program control system comprising:

first means for referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

second means for referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and inputted component judgment information;

third means for inputting a request requesting said component and holding said component judgment information as a parameter, acquiring said component judgment information from said request and outputting said component judgment information; and

fourth means for holding said interface name, inputting said request requesting said component, outputting said request to said third means, inputting said component judgment information from said third means, outputting said

component judgment information inputted and said interface name held to said second means, inputting said component kind from said second means outputting said component kind inputted and said interface name held to said first means, inputting said component reference information from said first means and outputting said component reference information inputted.

6. A program control system comprising:

first means for referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

second means for referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and inputted component judgment information;

third means for managing said component judgment information, inputting a request requesting said component and outputting said 'component judgment information managed; and

fourth means for holding said interface name, inputting said request requesting said component, outputting said request to said third means, inputting said component judgment information from said third means, outputting said component judgment information inputted and said interface name held to said second means, inputting said component kind from said second means, outputting

said component kind inputted and said interface name held to said first means, inputting said component reference information from said first means and outputting said component reference information inputted.

7. A program control program comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

a second step of inputting a request requesting said component and holding said component kind as a parameter, acquiring said component kind from said request and outputting said component kind; and

a third step of holding said interface name, inputting said~ request requesting said component, outputting said request to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

8. A program control program comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component

reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and an inputted component judgment information;

a third step of inputting a request requesting said component and holding said component judgment information as a parameter, acquiring said component judgment information from said request and outputting said component judgment information; and

a fourth step of holding said interface name, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step, outputting said component kind inputted and said information name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

9. A program control program comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component

reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and an inputted component judgment information;

a third step of managing said component judgment information, inputting a request requesting said component and outputting said component judgment information managed; and

a fourth step of holding said interface name, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

10. A computer-readable recording medium storing a program control program, said program control program comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component



reference information corresponding to an inputted interface name and an inputted component kind;

a second step of inputting a request requesting said component and holding said component kind as a parameter, acquiring said component kind from said request and outputting said component kind; and

a third step of holding said interface name, inputting said request requesting said component, outputting said request to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

11. A computer-readable recording medium storing a program control program, said program control program comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and inputted component judgment information;

a third step of inputting a request requesting said component and

holding said component judgment information as a parameter, acquiring said component judgment information from said request and outputting said component judgment information; and

a fourth step of holding said interface name, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step, outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

12. A computer-readable recording medium storing a program control program, said comprising the steps of:

a first step of referring to a component reference information management area storing interface names, component kinds and component reference information in association with one another, and outputting component reference information corresponding to an inputted interface name and an inputted component kind;

a second step of referring to a component kind management area storing interface names, component kinds and a component judgment condition in association with one another, and outputting said component kind stored and corresponding to an inputted interface name and component judgment information;

a third step of inputting a request managing said component

judgment information and requesting said component and outputting said component judgment information managed; and

a fourth step of holding said interface name, inputting said request requesting said component, outputting said request to said third step, inputting said component judgment information from said third step, outputting said component judgment information inputted and said interface name held to said second step, inputting said component kind from said second step:

outputting said component kind inputted and said interface name held to said first step, inputting said component reference information from said first step, and outputting said component reference information inputted.

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